Recombinant Human CSTF3, GST-tagged

Cat. No. CSTF3-11652H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSTF3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-103a.a.
Description	The protein encoded by this gene is one of three (including CSTF1 and CSTF2) cleavage stimulation factors that combine to form the cleavage stimulation factor complex (CSTF). This complex is involved in the polyadenylation and 3 end cleavage of pre-mRNAs. The encoded protein functions as a homodimer and interacts directly with both CSTF1 and CSTF2 in the CSTF complex. Alternative splicing results in multiple transcript variants encoding different isoforms.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	CSTF3 cleavage stimulation factor, 3 pre-RNA, subunit 3, 77kDa [Homo sapiens]

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Official Symbol	CSTF3
Synonyms	CSTF3; cleavage stimulation factor, 3 pre-RNA, subunit 3, 77kDa; cleavage stimulation factor, 3 pre RNA, subunit 3, 77kD; cleavage stimulation factor subunit 3; CstF 77; CF-1 77 kDa subunit; CSTF 77 kDa subunit; cleavage stimulation factor 77 kDa subunit; cleavage stimulation factor subunit 3, isoform 1; CSTF-77; MGC43001; MGC75122; MGC117398;
Gene ID	1479
mRNA Refseq	NM_001033505
Protein Refseq	NP_001028677
MIM	600367
UniProt ID	Q12996
Chromosome Location	11p13
Pathway	Cleavage of Growing Transcript in the Termination Region, organism-specific biosystem; Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Processing of Capped Intronless Pre-mRNA, organism-specific biosystem; Processing of Intronless Pre-mRNAs, organism-specific biosystem; RNA Polymerase II Transcription, organism-specific biosystem; RNA Polymerase II Transcription Termination, organism-specific biosystem;
Function	RNA binding; binding;

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